

WHAT IS CLAIMED IS:

1. A design method of a product with three-dimensional model, wherein:
a three-dimensional CAM model is prepared, a CAE analysis is
5 performed for said three-dimensional CAM model, and then the drawings of a
product are prepared with the results of said CAE analysis.
2. A design method of a product with three-dimensional model, comprising:
 - (1) a first step to prepare a three-dimensional CAM model
 - 10 (2) a second step to perform a CAE analysis for said three-dimensional
CAM model
 - (3) a third step to correct said three-dimensional CAM model on the basis
of said CAE analysis if the defects exist
 - 15 (4) a fourth step to manufacture a trial product on the basis of said
three-dimensional CAM model
 - (5) a fifth step to test said trial product
 - (6) a sixth step to prepare the drawings on the basis of the results of said
test
- 20 3. A design method of a product with three-dimensional model,
comprising:
 - (1) a first step to prepare a three-dimensional CAM model
 - (2) a second step to perform a CAE analysis for said three-dimensional
CAM model
 - 25 (3) a third step to correct said three-dimensional CAM model on the basis
of said CAE analysis if the defects exist

(4) a fourth step to manufacture a trial product on the basis of said three-dimensional CAM model

Sec 2 (5) a fifth step to test said trial product

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(6) a sixth step to correct said three-dimensional CAM model on the basis of the results of said test if the defects exist

(7) a seventh step to iterate said fourth through sixth steps until the defects are solved

214 (8) an eighth step to prepare the drawings on basis of the three-dimensional CAM model obtained at said seventh step